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FACSIMILE COVER SHEET

DATE: February 28, 2005  
FOR: Examiner Elias Desta  
COMPANY OR FIRM: PTO  
FACSIMILE NO.: (703) 872-9306  
FROM: Beth Pearson-Naul for Kaushik P. Sriram  
RE: Serial No.: 10/616,638  
Docket No.: GTI-1538  
Title: "Instantaneous Spectral Analysis"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 12

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Substitute Response to Office Action of November 10, 2004 and Response to Notice of Non-Compliant Amendment of February 8, 2005

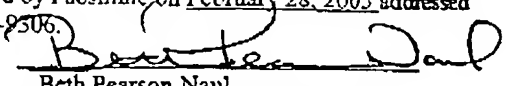
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Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: John P. Castagna et al.	§	Group Art Unit: 2857
	§	
SERIAL NO.: 10/616,638	§	
	§	
FILED: July 9, 2003	§	Examiner: Desta, Elias
	§	
TITLE: "Instantaneous Spectral Analysis"	§	Confirmation No.: 4915
	§	
	§	Atty Docket No.: GTI-1538

**SUBSTITUTE RESPONSE TO OFFICE ACTION OF NOVEMBER 10, 2004 AND**  
**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT OF**

**FEBRUARY 8, 2005**

This is in response to the referenced office action. Reconsideration of the application as amended is respectfully requested. Amendments to the specifications start on page 2 of this document. No claim amendments are being made. Remarks start on page 8 of this document.